

Converting Colors

CIELCh(66, 16.531, 81.904)

Have a look what the booklet for
CIELCh(66, 16.531, 81.904) contains.

CIELCh(66, 16.686, 82.132)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 16.686, 82.132)

Conversions

Conversions Part 1

Format	Color
Hex	B09E83
RGB	176, 158, 131
RGB Percent	69%, 62%, 51%
CMY	0.3098, 0.3804, 0.4863
CMYK	0.00, 0.10, 0.26, 0.31
HSL	36°, 22%, 60%
HSV	36°, 26%, 69%
XYZ	34.2294, 35.3238, 26.4874
YIQ	160.3040, 19.3950, -4.5810

Conversions

Conversions Part 2

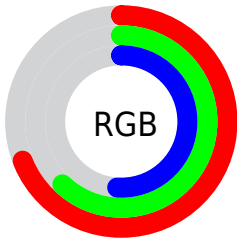
Format	Color
RYB	161, 176, 131
Decimal	11574915
CIELab	66.00, 2.28, 16.53
CIElCh	66, 16.686, 82.132
Yxy	35.3238, 0.3564, 0.3678
Android (android.graphics.Color)	4289764995 (0xFFB09E83)
YUV	160.3040, -14.4469, 13.7654
Hunter-Lab	59.4338, -1.2068, 15.1804

Details

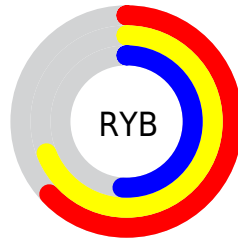
The CIELCh color **66, 16.686, 82.132** is a light color, and the websafe version is hex **999966**. A complement of this color would be **61, 16.224, 269.281**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 16.844, 83.103**, and **46, 17.048, 82.841** is the 20% darker color. If you saturate the color by 10%, you get **64, 23.556, 80.799**, and if you desaturate by 10%, it is **68, 10.006, 83.439**.

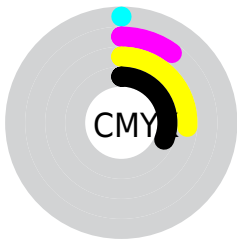
Distribution



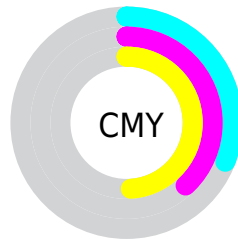
- Red (69%)
- Green (62%)
- Blue (51%)



- Red (63%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 16.686, 82.132 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 66, 16.686, 82.132 by changing the saturation by 10% instead.

■ 66, 16.686, 82.132

■ 66, 16.686, 82.132

■ 100, 16.686,
82.132

■ 56, 16.686, 82.132

■ 86, 16.686, 82.132

■ 46, 16.686, 82.132

■ 96, 16.686, 82.132

■ 36, 16.686, 82.132

■ 26, 16.686, 82.132

■ 16, 16.686, 82.132

■ 6, 16.686, 82.132

■ 0, 16.686, 82.132

■ 66, 16.686, 82.132

■ 66, 16.686, 82.132

■ 64, 23.556, 80.799

■ 68, 10.006, 83.439

62, 30.585, 79.420

71, 3.521, 84.663

60, 37.696, 77.997

73, 2.776, 266.061

58, 44.728, 76.502

75, 8.898, 267.179

56, 51.368, 74.872

78, 14.859,
268.301

54, 57.072, 72.977

80, 20.675,
269.379

52, 61.113, 70.604

51, 62.689, 69.531

82, 26.359,
270.408

84, 24.169,
262.038

86, 22.266,
251.604

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 16.686, 82.132



61, 16.224, 269.281

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 16.686, 82.132



66, 16.686, 132.132



66, 16.686, 262.132



66, 16.686, 312.132

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 16.687, 82.140



89, 6.306, 84.363



60, 20.347, 351.930



47, 4.488, 84.184



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 16.687, 82.140



82, 25.328, 81.343



70, 24.365, 112.048



37, 3.646, 84.219



45, 56.505, 69.936



5, 7.964, 74.169

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 16.224, 269.281



75, 24.449, 270.421



57, 25.840, 296.573



36, 3.618, 266.698



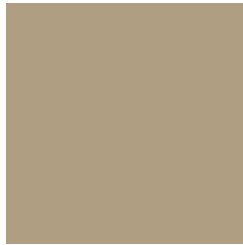
29, 58.769, 291.806



3, 9.590, 273.038

Previews

White Background



This preview shows how the CIELCh color 66, 16.686, 82.132 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 16.686, 82.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

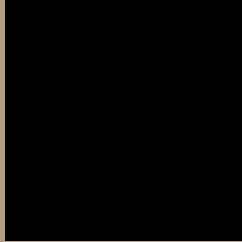
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 16.686, 82.132

Background



This preview shows how black text looks on a background with the CIELCh color 66, 16.686, 82.132.



This preview shows how white text looks on a background with the CIELCh color 66, 16.686, 82.132.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66, 16.686, 82.132

Protanopia

66, 15.959, 93.656

Deuteranopia

66, 18.155, 61.818



Tritanopia
66, 12.323, 348.068

Trichromacy



Original Color
66, 16.686, 82.132

Protanomaly
66, 15.827, 88.875

Deuteranomaly
66, 17.035, 67.778

Tritanomaly
66, 9.540, 26.837

Monochromacy



Original Color
66, 16.686, 82.132

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.159, 83.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 16.686, 82.132 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 16.686, 82.132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 158, 131) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 158, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 158, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 158, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 158, 131); box-shadow:4px 4px 4px 4px rgb(176, 158, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 16.686, 82.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
158, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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